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SC 06611/64
M/EB 307/64
10 June 1964
Copy 1

MEMORANDUM FOR: Chief, B2 Division/PO43, NSA
ATTENTION:
FROM: Chief, CIA/PID (NPIC)
SUBJECT: Communication Facilities, Fu-Chou, China
REFERENCES: (a) Requirement NSA/PO43/R-36/63
(b) CIA/PID Project C 1715-63

1. This memorandum is in response to your requirement dated 22 November 1963 which requests a search for and detailed readouts of all communication sites in the Fu-Chou area.

2. provided excellent quality photographic coverage of the Fu-Chou area. Of the seven sites referenced in NSA/PO43/R-36/63 (c), four could be confirmed on this photography. Three of the sites could not be identified. Of the four identified, two are colocated at the same facility. Detailed readouts of these facilities are included in this memorandum. No other communication facilities could be identified in the Fu-Chou area.

a. Radio Communications Station - This facility, located on the northeast edge of Fu-Chou at 26-06N 119-18E, consists of four double rhombic antennas. A possible control building is located in the northwest corner of the facility, however, cable scarrings or security fences were not apparent. Figure 1 is a rectified line drawing of this facility. Data for these antenna is given in Table 1.

b. Radio Station Nant-ai Tao West - This facility, located four nautical miles south of Fu-Chou at 26-01N 119-16E, consists of a secured support and control area containing five buildings and a probable water tank, two groups of bi-directional horizontal wire or curtain arrays (antennas numbers 1 and 2), and three horizontal wire antennas (numbers 3 through 5) of which at least two are center fed. Antenna number 5 appears to have a one-half wave length radial ground screen. Figure 2 is a rectified line drawing of this facility. Data for these antennas is given in Table 2.

Reviewed by NGA.

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c. Radio Station Nant-ai Tao East - This facility, located three nautical miles south of Fu-Chou at 26-02N 119-18E, consists of a secured support and control area containing eight buildings and two groups of bi-directional horizontal wire or curtain arrays. Feed control buildings and feed points are evident at both arrays. Figure 3 is a rectified line drawing of this facility. Data for these antennas is given in Table 3.

3. The photo analyst on this project is [] who may be contacted on extension [] should you have any further questions concerning this project.

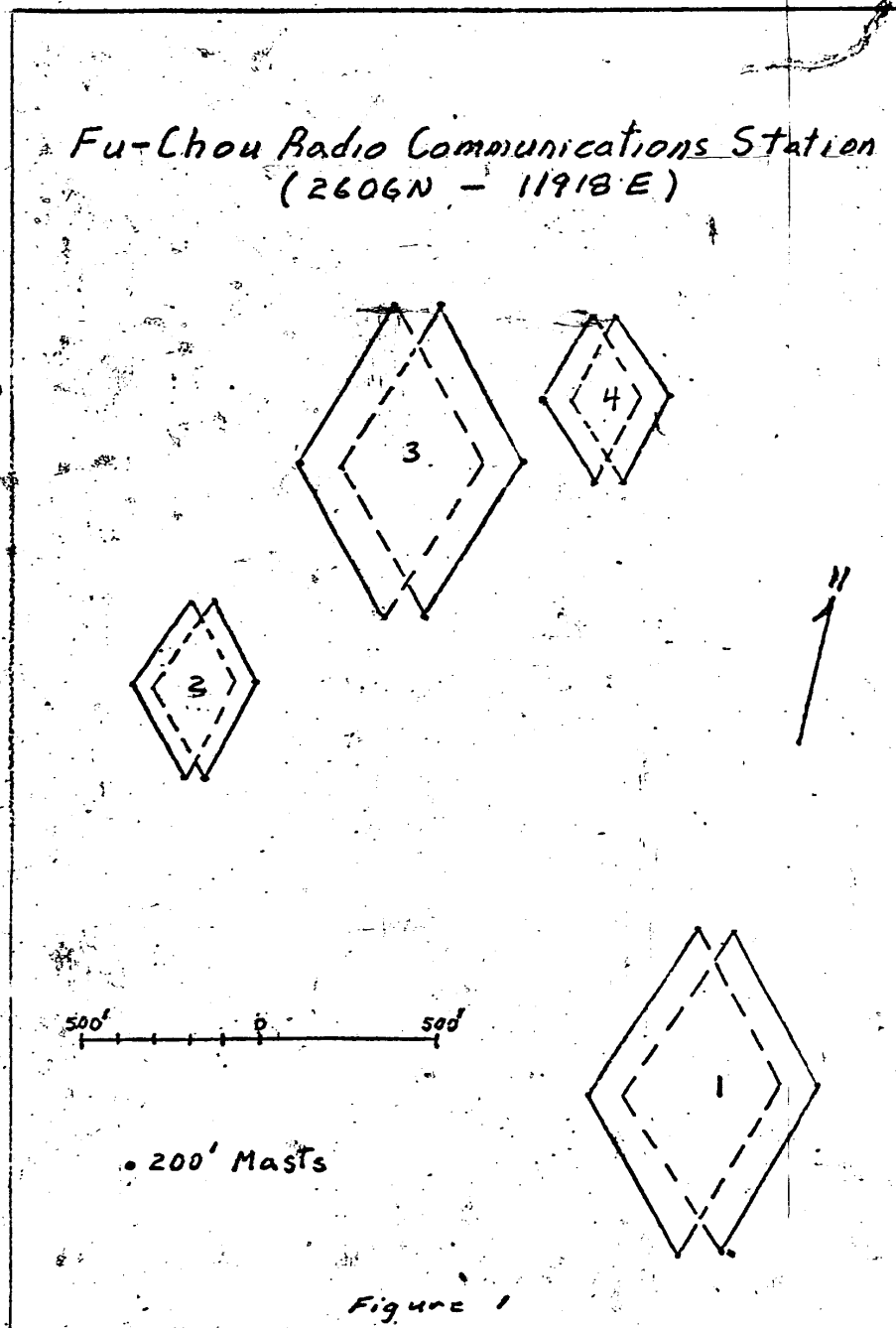
4. This project is considered to be []

Enclosures:

- 1 - Three (3) Vugraphs (CIA/PID/MEB-P-475/64 thru P-477/64)
- 2 - Three (3) 8 by 10 prints (CIA/PID/MEB-P-475/64 thru P-477/64)
- 3 - Three (3) Line Drawings (CIA/PID/MEB-P-495/64 thru P-497/64)
- 4 - Three (3) Tables

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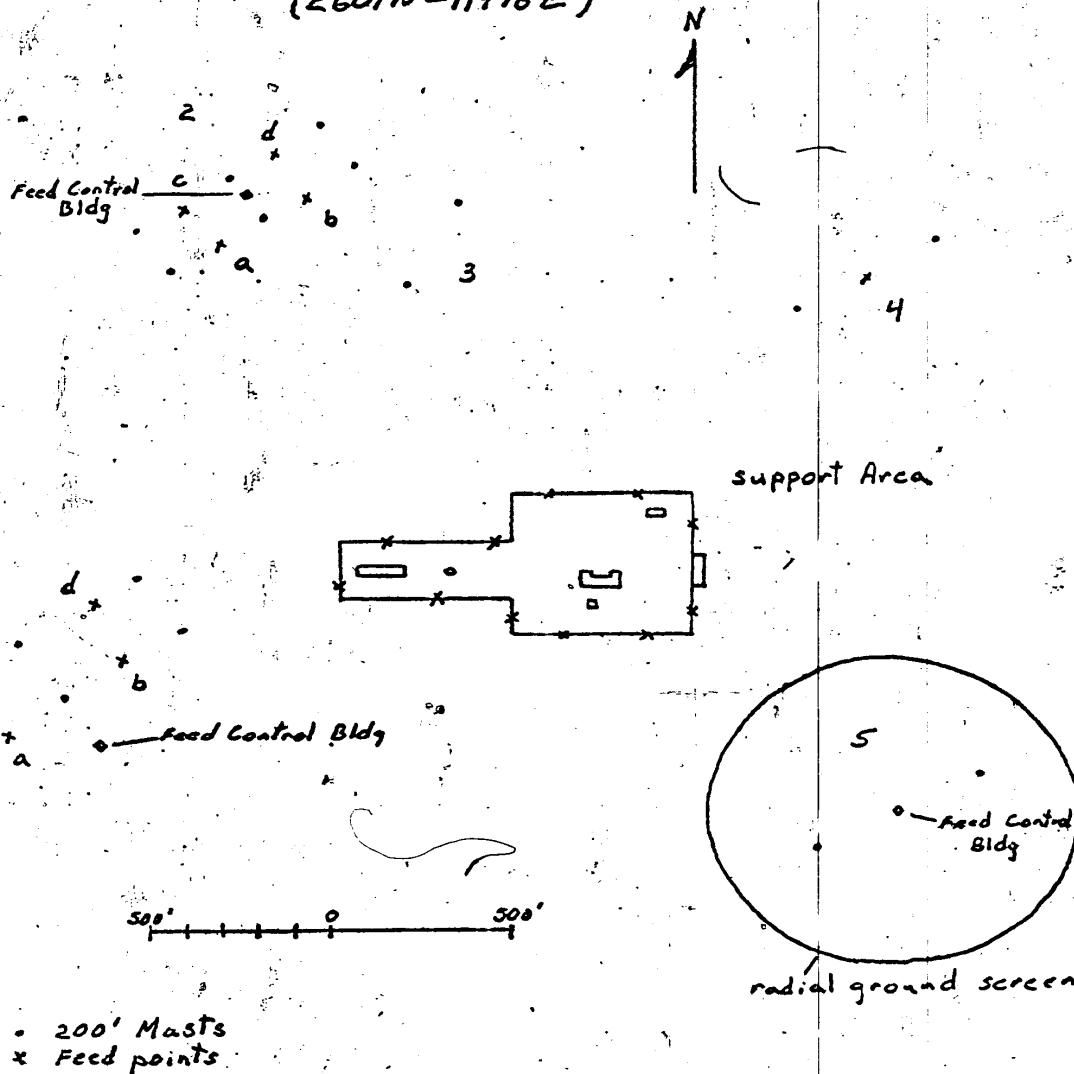
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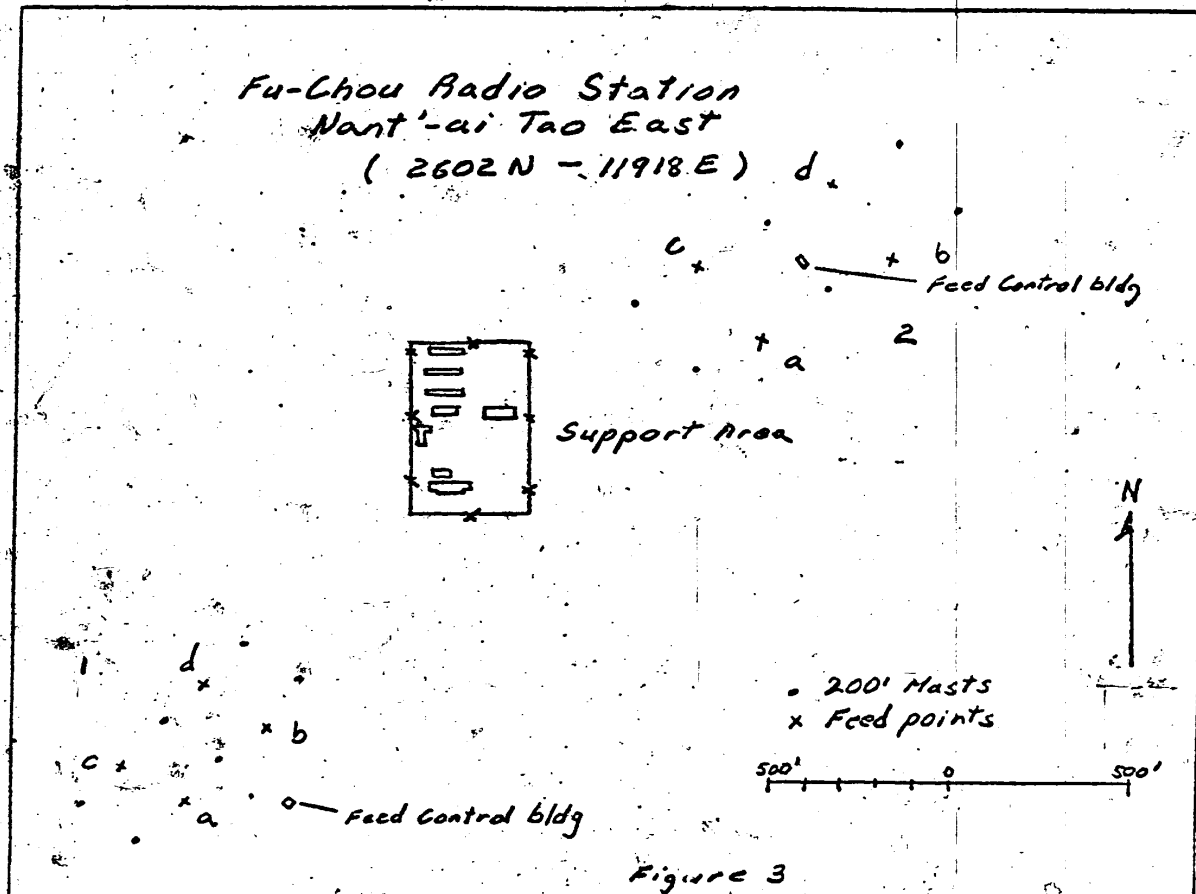
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Fu-Chou Radio Station
Nant'-ai Tao West
(2601N-11916E)



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25X1

Table 1

25X1

Antenna No.	Length Major Axis (ft)	Length Minor Axis (ft)	Length One Side (ft)	Separation of Masts (ft)	Height of Mast (ft)	Computed Tilt Angle(deg)	Azimuth of Major Axis (deg)
1	1,080			130	200	65	350/170
2					200	65	350/170
3	1,080			130	200	65	350/170
4					200	65	350/170

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Table 2

Antenna No.		Antenna Orientations (deg)
1	a	125/325
	b	125/325
	c	125/325
	d	125/325
2	a	125/325
	b	125/325
	c	125/325
	d	125/325
3		
4		
5		

x - Wave length and frequency of dipole or curtain computed on basis of two half-wave length dipoles with one-fourth wave length support wire spacing on each end of horizontal.

xx - Wave length and frequency of dipole or curtain computed on basis of two half wave length dipoles with one-eighth wave length support wire spacing on each end of horizontal.

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25X1

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POSSIBLE CONTROL BLDG

RADIO COMMUNICATIONS STATION

FU-CHOU, CHINA 2606 N - 11918 E

[REDACTED]

[REDACTED]

X1

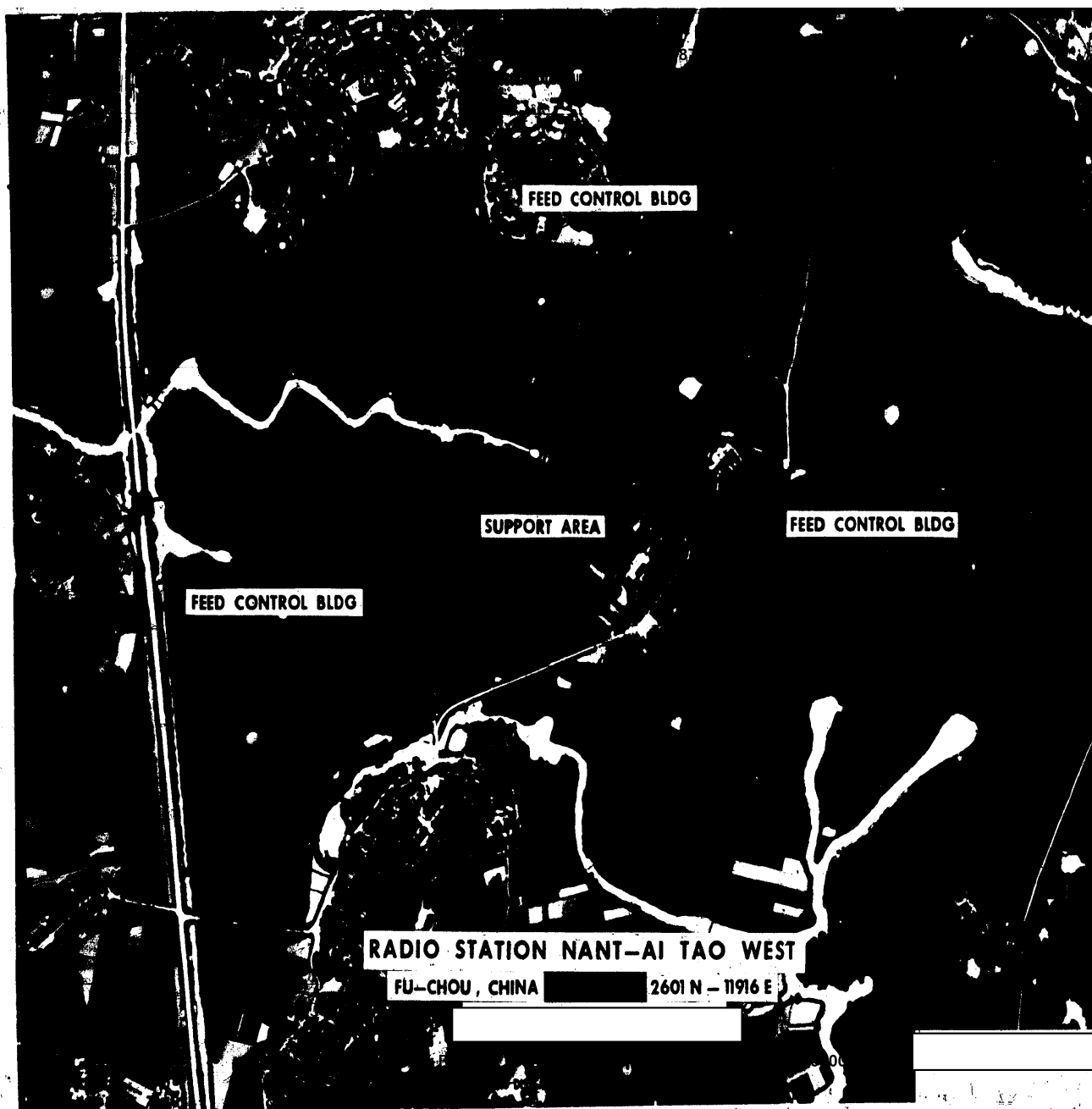


FEED CONTROL BLDG

SUPPORT AREA

FEED CONTROL BLDG

RADIO STATION NANT-AI TAO EAST
FU-CHOU, CHINA 2602 N - 11918 E



FEED CONTROL BLDG

SUPPORT AREA

FEED CONTROL BLDG

FEED CONTROL BLDG

RADIO STATION NANT-AI TAO WEST

FU-CHOU, CHINA

2601 N - 11916 E